

4. Please explain in the area below why an STA is necessary: \*

The STA is necessary because clearance is needed for testing that will be performed in 90 days. This testing is being conducted under the following Government Contract: **W31P4Q-05-C-0319 (3F59)**

5. Please explain the purpose of operation: \*

Testing will be performed at the Lockheed Martin Electronic Test Site (ETS) in Orlando, FL to evaluate performance of the HELLFIRE height of burst (HOB) proximity sensor. Flight testing instrumentation will measure the RF signal from the sensor using RF horns. At the ETS range, testing will be performed to measure how far away from the sensor that the RF signal can be measured in the field to determine placement of RF receivers at the flight test range.